

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number 10/820,144
Filing Date April 8, 2004
First Named Inventor Esther H. Chang
Group Art Unit 1632
Examiner Name

Sheet 1 of 2 Attorney Docket Number 2444-116

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
SL	AA	5,693,509		Cotten et al.	Dec. 12, 1997
I	AB	5,962,311		Wickham et al.	Oct. 5, 1999
I	AC	5,994,109		Woo et al.	Nov. 30, 1999
SL	AD	6,410,010		Zhang et al.	Jun 25, 2002

FOREIGN PATENT DOCUMENTS

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		Office ³ Code	Number ⁴	Kind ⁵ (if known)			
SL	AE	WO	94/24299		Boehringer Ingelheim Int'l GmbH	Oct. 27, 1994	
I	AF	WO	97/38723		Immusol Inc.	Oct. 23, 1997	
SL	AG	WO	98/40508		Barbara Sosnowski et al.	Sep. 17, 1998	

Examiner
Signature

SL Chen

Date
Considered

4-25-2007

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code.

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
gm	AH	CARDUCCI et al., <i>Renal, Bladder and Prostate Cancers: Gene Therapy; Diagnosis and Treatment of Genitourinary Malignancies</i> , 1996, Kluwer Academic Publishers, Boston.	
	AI	COOPER, <i>Oncogenes</i> , by Jones and Bartlett Publishers; ISBN 0-86720-136-3, 1990	
	AJ	DEONARAIN, "Ligand-targeted receptor-mediated vectors for gene delivery," <i>Expert Opinion on Therapeutics Patents</i> , GB, Ashley Publications, 8(1):53-69, January 1998.	
	AK	DOUGLAS et al., "Targeted adenoviral vectors for cancer gene therapy (Review)," <i>International Journal of Oncology</i> , 11:341-348, 1997	
	AL	ECK et al., <i>Goodman & Gilman's The Pharmacological Basis of Therapeutics</i> , McGraw-Hill, New York, pp. 77-101, 1996	
	AM	FEIGELSON et al., "Genetic Susceptibility to Cancer from xogenous and Endogenous Exposures," <i>Journal of Cellular Biochemistry</i> , 255:15-22 (1996)	
	AN	GURA, T., <i>Science</i> , 278:1041-1042, 1997	
	AO	HULME, <i>Receptor-Ligand Interactions-A Practical Approach</i> , Oxford University Press, Walton Street, Oxford OX2 6DP, ISBN 0-19-963090-9	
	AP	MICHAEL et al., "Strategies to achieve targeted gene delivery via the receptor-mediated endocytosis pathway," <i>Gene Therapy</i> 1:223-232, 1994.	
	AQ	MILLER et al., "Targeted vectors for gene therapy," <i>FASEB Journal, U.S. Fed. of American Society for Experimental Biology</i> , 9(2): 190-1999, February 1, 1995.	
	AR	Report and Recommendations of the Panel to Assess the NIH Investment Research on Gene Therapy, 12/7/95	
	AS	STAVRIDIS et al., "Construction of Transferrin-Coated Liposomes for In Vivo Transport of Exogenous DNA to Bone Marrow Erythroblasts in Rabbits," given as a communication at the NATO Advanced Studies Institute Conf., Cape Sounioin Beach, Greece, June 20-July 1, 1983.	
	AT	STRYER, <i>Biochemistry</i> , 1995, pp. 7, 8, 33-40, 938-939	
	AU	VERMA et al., <i>Nature</i> , 389:239-242, 1997	
	AV	WAGNER et al., "Transferrin - polycation conjugates as carriers for DNA uptake into cells," <i>Proc. Natl. Acad. Sci. USA</i> 87:3410-3414, May 1990.	
gm	AW	XU, "Transferrin-Liposome-Mediated p53 Sensitization of Squamous Cell Carcinoma of the Head and Neck to Radiation <i>In Vitro</i> ," <i>Human Gene Therapy</i> , 8:467-475, March 1, 1997.	

Examiner Signature	<i>S. Chen</i>	Date Considered	4-25-07
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	AE	PCT	WO 94/24299		Boehringer Ingelheim Int'l GmbH	Oct. 27, 1994	
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	AH	CARDUCCI et al., Rental, Bladder and prostate cancers: gene therapy, Diagnosis and Treatment of Genitourinary Malignancies, 1996, Kluwer Academic Publishers. Boston.	
	AI	COOPER, Oncogenes, 1990 by Jones and Bartlett Publishers; ISBN 0-86720-136-3	
	AJ	DEONARAIN, "Ligand-targeted receptor-mediated vectors for gene delivery," Expert Opinion on Therapeutics Patents, GB, Ashley Publications, 8(1):53-69, January 1998.	
	AK	DOUGLAS et al., "Targeted adenoviral vectors for cancer gene therapy (Review)," <i>International Journal of Oncology</i> , 1997, pp. 341-348, vol. 11.	
	AL	ECK et al., Goodman & Gilman's The Pharmacological Basis of Therapeutics, McGraw-Hill, New York, 1996, pp. 77-101	
	AM	FEIGELSON et al., Genetic Susceptibility to Cancer from exogenous and Endogenous Exposures; <i>Journal of Cellular Biochemistry</i> , 1996, pp. 15-22, vol. 255	
	AN	GURA, T., "Systems for Identifying New Drugs Are Often Faulty," <i>Science</i> , November 7, 1997, pp. 1041-1042, vol. 278.	
	AO	HULME; Receptor-Ligand Interactions-A practical Approach; Oxford University Press, Walton Street, Oxford OX2 6DP, ISBN 0-19-963090-9.	
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	AT	STRYER, "Reversible Interactions of Biomolecules are Mediated by Three Kinds of Noncovalent Bonds," <i>Biochemistry</i> , 1995, pp. 7, 8, 33-40, 938-939. W.H. Freeman and Company, New York.	
	AU	VERMA et al., "Gene therapy--promises, problems and prospects," <i>Nature</i> , September 18, 1997, pp. 239-242, vol. 389.	
	AV	WAGNER et al., "Transferrin-polycation conjugates as carriers for DNA uptake into cells," <i>Proc. Natl. Acad. Sci. USA</i> 87:3410/3414, May 1990.	
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